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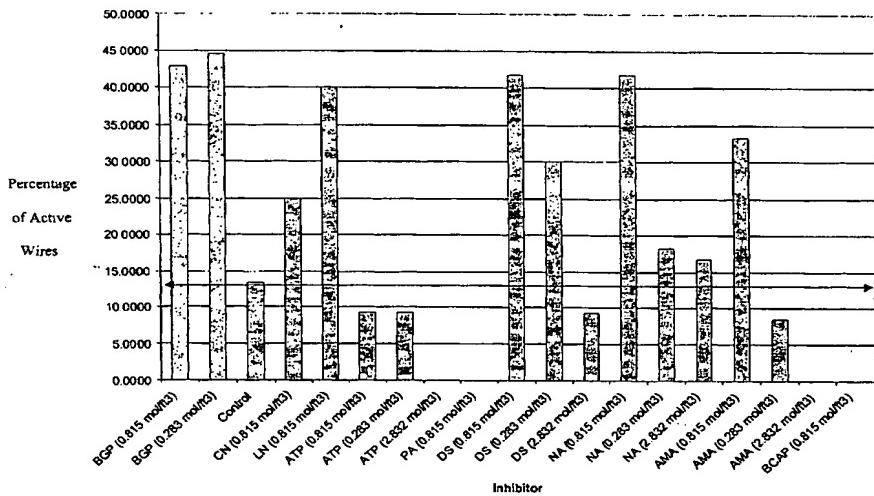
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(54) Title: CORROSION PROTECTION FOR METALS IN CEMENTITIOUS MATERIAL AND METHOD OF APPLYING AND MAKING THE SAME



(57) Abstract: A method for preventing, inhibiting or reducing the corrosion of metals embedded in cementitious material. The method can comprise manufacturing lithium nitrate. The method can further comprise providing lithium nitrate for addition to a cementitious material at an effective dosage rate. The dosage rate can be between about 0.01 gram moles per cubic foot of cementitious material and about 100 gram moles per cubic foot of cementitious material, or greater if desired or required. The reduced corrosion rate therefore increases the life expectancy of the structures formable from cementitious material. Some exemplary structures formable from the cementitious material include the following, but not limited thereto, pillars, bridge decks, bridges, road decks, roads, houses, buildings, pilings, railroads, warehouses, piers, parking structures, wharves, and/or any other structures desired and/or required, etc.

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